

INTERNATIONAL SEARCH REPORT

International Application No PCT/EP2004/002152

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01R13/74

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01R H02G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 044 985 A (SHEEN LIGHT) 3 September 1991 (1991-09-03) column 2, line 23 -column 3, line 2; figures 3,4A	1
A	DE 198 01 260 A (WAGO VERWALTUNGS GMBH) 22 July 1999 (1999-07-22) cited in the application claim 1; figures 1-4	1
A	DE 43 42 512 A (SCHROEDER LUDWIG) 14 June 1995 (1995-06-14) claims 1,2; figures 1,5	1
A	US 4 165 146 A (SNYDER CHARLES A) 21 August 1979 (1979-08-21) abstract; figures 1-3	1
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
28 May 2004	11/06/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patenttaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Jiménez, J

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/002152

C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2001/002018 A1 (GOUDAL JEAN-PAUL) 31 May 2001 (2001-05-31) abstract; figures 1,5A	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP2004/002152

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5044985	A	03-09-1991	NONE			
DE 19801260	A	22-07-1999	DE	19801260 A1		22-07-1999
DE 4342512	A	14-06-1995	DE	4342512 A1		14-06-1995
			AU	1271395 A		27-06-1995
			WO	9516295 A1		15-06-1995
US 4165146	A	21-08-1979	CA	1090462 A1		25-11-1980
US 2001002018	A1	31-05-2001	FR	2774221 A1		30-07-1999
			DE	19902805 A1		12-08-1999
			GB	2333556 A , B		28-07-1999